

STIC

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:25:52 ON 29 DEC 2006

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STRUCTURE FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5

DICTIONARY FILE UPDATES: 28 DEC 2006 HIGHEST RN 916479-39-5

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d que 17

L1 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	59344-64-8
L2 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	33397-21-6
L3 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	83724-41-8
L4 (	2)SEA FILE=REGISTRY ABB=ON	PLU=ON	437-29-6 OR 603-33-8
L5 (	5)SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3) OR L4
L6 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	BISMUTH/CN
L7	6 SEA FILE=REGISTRY ABB=ON	PLU=ON	L6 OR L5

=> d rn cn 17 1-6

L7 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 83724-41-8 REGISTRY

CN Bismuthine, tris(2-methoxyphenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Tris(2-methoxyphenyl)bismuth

CN Tris(2-methoxyphenyl)bismuthine

L7 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 59344-64-8 REGISTRY

CN Bismuthine, tris(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Trimesityl bismuth

CN Tris(2,4,6-trimethylphenyl)bismuth

CN Tris(2,4,6-trimethylphenyl)bismuthine

L7 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 33397-21-6 REGISTRY

CN Bismuthine, tris(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Bismuthine, tris(p-methoxyphenyl)- (7CI, 8CI)

OTHER NAMES:

CN Tri(p-methoxyphenyl)bismuthine

CN Tri-p-anisylbismuth
CN Tris(4-methoxyphenyl)bismuthine
CN Tris(p-methoxyphenyl)bismuth
CN Tris(p-methoxyphenyl)bismuthine

L7 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 7440-69-9 REGISTRY

CN Bismuth (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Bismuth element

CN Bismuth-209

L7 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 603-33-8 REGISTRY

CN Bismuthine, triphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN NSC 465

CN Triphenylbismuth

CN Triphenylbismuthine

L7 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2006 ACS on STN

RN 437-29-6 REGISTRY

CN Bismuthine, tris(4-fluorophenyl)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Bismuthine, tris(p-fluorophenyl)- (8CI)

OTHER NAMES:

CN Tris(4-fluorophenyl)bismuthine

=> d que 19

L8 (24)SEA FILE=REGISTRY ABB=ON PLU=ON (120-57-0/BI OR 123-56-8/BI
OR 13863-41-7/BI OR 1444-94-6/BI OR 18228-66-5/BI OR 33397-21-6
/BI OR 401910-17-6/BI OR 41301-44-4/BI OR 437-29-6/BI OR
55-21-0/BI OR 584-08-7/BI OR 59344-64-8/BI OR 60-35-5/BI OR
603-33-8/BI OR 613-93-4/BI OR 62512-79-2/BI OR 7440-69-9/BI OR
770720-11-1/BI OR 7726-95-6/BI OR 7789-60-8/BI OR 79-05-0/BI
OR 79-16-3/BI OR 83724-41-8/BI OR 85-41-6/BI)

L9 3 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND BR/ELS

=> d rn cn 19 1-3

L9 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN

RN 13863-41-7 REGISTRY

CN Bromine chloride (BrCl) (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Bromine chloride

CN Bromine monochloride

CN Bromochloride

L9 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN

RN 7789-60-8 REGISTRY

CN Phosphorous tribromide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphorus bromide (PBr3) (8CI)

OTHER NAMES:

CN PBr3

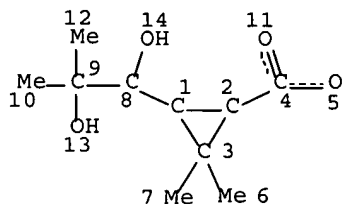
CN Phosphorous bromide

CN Phosphorus tribromide

CN Tribromophosphine

L9 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 7726-95-6 REGISTRY
 CN Bromine (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Bromine element
 CN Bromine molecule (Br2)
 CN Diatomic bromine
 CN Dibromine

=> d que stat l29
 L27 STR



NODE ATTRIBUTES:
 CONNECT IS E2 RC AT 5
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
 L29 8 SEA FILE=REGISTRY SSS FUL L27

100.0% PROCESSED 60 ITERATIONS
 SEARCH TIME: 00.00.01

8 ANSWERS

=> fil caplus
 FILE 'CAPLUS' ENTERED AT 11:29:16 ON 29 DEC 2006
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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que nos 122

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L1 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  59344-64-8
L2 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  33397-21-6
L3 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  83724-41-8
L4 (      2)SEA FILE=REGISTRY ABB=ON  PLU=ON  437-29-6 OR 603-33-8
L5 (      5)SEA FILE=REGISTRY ABB=ON  PLU=ON  (L1 OR L2 OR L3) OR L4
L6 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  BISMUTH/CN
L7 (      6 SEA FILE=REGISTRY ABB=ON  PLU=ON  L6 OR L5
L8 (     24)SEA FILE=REGISTRY ABB=ON  PLU=ON  (120-57-0/BI OR 123-56-8/BI
      OR 13863-41-7/BI OR 1444-94-6/BI OR 18228-66-5/BI OR 33397-21-6
      /BI OR 401910-17-6/BI OR 41301-44-4/BI OR 437-29-6/BI OR
      55-21-0/BI OR 584-08-7/BI OR 59344-64-8/BI OR 60-35-5/BI OR
      603-33-8/BI OR 613-93-4/BI OR 62512-79-2/BI OR 7440-69-9/BI OR
      770720-11-1/BI OR 7726-95-6/BI OR 7789-60-8/BI OR 79-05-0/BI
      OR 79-16-3/BI OR 83724-41-8/BI OR 85-41-6/BI)
L9      3 SEA FILE=REGISTRY ABB=ON  PLU=ON  L8 AND BR/ELS
L10     13853 SEA FILE=CAPLUS ABB=ON  PLU=ON  CARBONYL COMPOUNDS/CW
L11     2579 SEA FILE=CAPLUS ABB=ON  PLU=ON  L10 (L) (PREPARATION/OBI OR
      PREPN/OBI OR PREP/OBI OR (IMF OR SPN OR PREP OR BMF)/RL)
L12     20320 SEA FILE=CAPLUS ABB=ON  PLU=ON  GLYCOLS/CT
L13     51486 SEA FILE=CAPLUS ABB=ON  PLU=ON  DIOL#/OBI OR DIALCOHOL#/OBI OR
      ALKANEDIOL#/OBI OR DIHYDRIC ALC?/OBI
L14     66948 SEA FILE=CAPLUS ABB=ON  PLU=ON  L13 OR L12
L15      92 SEA FILE=CAPLUS ABB=ON  PLU=ON  L14 AND L11
L16     51807 SEA FILE=CAPLUS ABB=ON  PLU=ON  L7
L17     34317 SEA FILE=CAPLUS ABB=ON  PLU=ON  L9
L18     496875 SEA FILE=CAPLUS ABB=ON  PLU=ON  L16 OR BI/OBI OR ?BISMU?/BI
L19     65446 SEA FILE=CAPLUS ABB=ON  PLU=ON  L17 OR BROMINE?/OBI OR BR/OBI
L20      18 SEA FILE=CAPLUS ABB=ON  PLU=ON  L15 AND L18
L21      2 SEA FILE=CAPLUS ABB=ON  PLU=ON  L15 AND L19
L22      1 SEA FILE=CAPLUS ABB=ON  PLU=ON  L20 AND L21
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=> d que nos 124

```
L1 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  59344-64-8
L2 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  33397-21-6
L3 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  83724-41-8
L4 (      2)SEA FILE=REGISTRY ABB=ON  PLU=ON  437-29-6 OR 603-33-8
L5 (      5)SEA FILE=REGISTRY ABB=ON  PLU=ON  (L1 OR L2 OR L3) OR L4
L6 (      1)SEA FILE=REGISTRY ABB=ON  PLU=ON  BISMUTH/CN
L7 (      6 SEA FILE=REGISTRY ABB=ON  PLU=ON  L6 OR L5
L8 (     24)SEA FILE=REGISTRY ABB=ON  PLU=ON  (120-57-0/BI OR 123-56-8/BI
      OR 13863-41-7/BI OR 1444-94-6/BI OR 18228-66-5/BI OR 33397-21-6
      /BI OR 401910-17-6/BI OR 41301-44-4/BI OR 437-29-6/BI OR
      55-21-0/BI OR 584-08-7/BI OR 59344-64-8/BI OR 60-35-5/BI OR
      603-33-8/BI OR 613-93-4/BI OR 62512-79-2/BI OR 7440-69-9/BI OR
      770720-11-1/BI OR 7726-95-6/BI OR 7789-60-8/BI OR 79-05-0/BI
      OR 79-16-3/BI OR 83724-41-8/BI OR 85-41-6/BI)
L9      3 SEA FILE=REGISTRY ABB=ON  PLU=ON  L8 AND BR/ELS
L10     13853 SEA FILE=CAPLUS ABB=ON  PLU=ON  CARBONYL COMPOUNDS/CW
L11     2579 SEA FILE=CAPLUS ABB=ON  PLU=ON  L10 (L) (PREPARATION/OBI OR
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                PREPN/OBI OR PREP/OBI OR (IMF OR SPN OR PREP OR BMF)/RL)
L12      20320 SEA FILE=CAPLUS ABB=ON PLU=ON GLYCOLS/CT
L13      51486 SEA FILE=CAPLUS ABB=ON PLU=ON DIOL#/OBI OR DIALCOHOL#/OBI OR
                ALKANEDIOL#/OBI OR DIHYDRIC ALC?/OBI
L14      66948 SEA FILE=CAPLUS ABB=ON PLU=ON L13 OR L12
L15      92 SEA FILE=CAPLUS ABB=ON PLU=ON L14 AND L11
L16      51807 SEA FILE=CAPLUS ABB=ON PLU=ON L7
L17      34317 SEA FILE=CAPLUS ABB=ON PLU=ON L9
L18      496875 SEA FILE=CAPLUS ABB=ON PLU=ON L16 OR BI/OBI OR ?BISMU?/BI
L19      65446 SEA FILE=CAPLUS ABB=ON PLU=ON L17 OR BROMINE?/OBI OR BR/OBI
L20      18 SEA FILE=CAPLUS ABB=ON PLU=ON L15 AND L18
L21      2 SEA FILE=CAPLUS ABB=ON PLU=ON L15 AND L19
L22      1 SEA FILE=CAPLUS ABB=ON PLU=ON L20 AND L21
L23      19 SEA FILE=CAPLUS ABB=ON PLU=ON L20 OR L21
L24      18 SEA FILE=CAPLUS ABB=ON PLU=ON L23 NOT L22

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=> d que nos l37

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L1 (      1)SEA FILE=REGISTRY ABB=ON PLU=ON 59344-64-8
L2 (      1)SEA FILE=REGISTRY ABB=ON PLU=ON 33397-21-6
L3 (      1)SEA FILE=REGISTRY ABB=ON PLU=ON 83724-41-8
L4 (      2)SEA FILE=REGISTRY ABB=ON PLU=ON 437-29-6 OR 603-33-8
L5 (      5)SEA FILE=REGISTRY ABB=ON PLU=ON (L1 OR L2 OR L3) OR L4
L6 (      1)SEA FILE=REGISTRY ABB=ON PLU=ON BISMUTH/CN
L7 (      6 SEA FILE=REGISTRY ABB=ON PLU=ON L6 OR L5
L8 (      24)SEA FILE=REGISTRY ABB=ON PLU=ON (120-57-0/BI OR 123-56-8/BI
                OR 13863-41-7/BI OR 1444-94-6/BI OR 18228-66-5/BI OR 33397-21-6
                /BI OR 401910-17-6/BI OR 41301-44-4/BI OR 437-29-6/BI OR
                55-21-0/BI OR 584-08-7/BI OR 59344-64-8/BI OR 60-35-5/BI OR
                603-33-8/BI OR 613-93-4/BI OR 62512-79-2/BI OR 7440-69-9/BI OR
                770720-11-1/BI OR 7726-95-6/BI OR 7789-60-8/BI OR 79-05-0/BI
                OR 79-16-3/BI OR 83724-41-8/BI OR 85-41-6/BI)
L9      3 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND BR/ELS
L10     13853 SEA FILE=CAPLUS ABB=ON PLU=ON CARBONYL COMPOUNDS/CW
L11     2579 SEA FILE=CAPLUS ABB=ON PLU=ON L10 (L) (PREPARATION/OBI OR
                PREPN/OBI OR PREP/OBI OR (IMF OR SPN OR PREP OR BMF)/RL)
L12     20320 SEA FILE=CAPLUS ABB=ON PLU=ON GLYCOLS/CT
L13     51486 SEA FILE=CAPLUS ABB=ON PLU=ON DIOL#/OBI OR DIALCOHOL#/OBI OR
                ALKANEDIOL#/OBI OR DIHYDRIC ALC?/OBI
L14     66948 SEA FILE=CAPLUS ABB=ON PLU=ON L13 OR L12
L15     92 SEA FILE=CAPLUS ABB=ON PLU=ON L14 AND L11
L16     51807 SEA FILE=CAPLUS ABB=ON PLU=ON L7
L17     34317 SEA FILE=CAPLUS ABB=ON PLU=ON L9
L18     496875 SEA FILE=CAPLUS ABB=ON PLU=ON L16 OR BI/OBI OR ?BISMU?/BI
L19     65446 SEA FILE=CAPLUS ABB=ON PLU=ON L17 OR BROMINE?/OBI OR BR/OBI
L20     18 SEA FILE=CAPLUS ABB=ON PLU=ON L15 AND L18
L21     2 SEA FILE=CAPLUS ABB=ON PLU=ON L15 AND L19
L22     1 SEA FILE=CAPLUS ABB=ON PLU=ON L20 AND L21
L23     19 SEA FILE=CAPLUS ABB=ON PLU=ON L20 OR L21
L24     18 SEA FILE=CAPLUS ABB=ON PLU=ON L23 NOT L22
L27     STR
L29     8 SEA FILE=REGISTRY SSS FUL L27
L30     12 SEA FILE=CAPLUS ABB=ON PLU=ON L29
L31     11 SEA FILE=CAPLUS ABB=ON PLU=ON L30 NOT (L22 OR L24)
L32     1 SEA FILE=CAPLUS ABB=ON PLU=ON L31 AND L11
L33     4 SEA FILE=CAPLUS ABB=ON PLU=ON L31 AND (L18 OR L19 OR L14)
L35     4 SEA FILE=CAPLUS ABB=ON PLU=ON L33 OR L32
L36     1 SEA FILE=CAPLUS ABB=ON PLU=ON L30 NOT L31
L37     5 SEA FILE=CAPLUS ABB=ON PLU=ON L36 OR L35

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=> d .ca 122; d .ca 124 1-18; d .ca hitstr 137 1-5